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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/628,892	07/28/2003	Cheng-Geng Jan	10112541	7422

34283 7590 03/09/2006

QUINTERO LAW OFFICE  
1617 BROADWAY, 3RD FLOOR  
SANTA MONICA, CA 90404

EXAMINER
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TRAN, CHUC

ART UNIT	PAPER NUMBER
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2821

DATE MAILED: 03/09/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

HFD

**Supplemental  
Notice of Allowability**

Application No.

10/628,892

Examiner

Chuc D. Tran

Applicant(s)

JAN ET AL.

Art Unit

2821

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment submitted 12/14/05.
2. ☒ The allowed claim(s) is/are 1,3,5-11,27 and 28.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

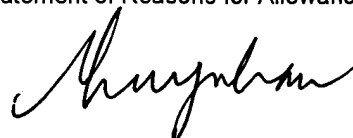
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**THUY V. TRAN**  
**PRIMARY EXAMINER**

## DETAILED ACTION

### *Remarks*

This is a response to the Applicant's Amendment submitted on December 14, 2005. In virtue of this amendment, claims 2, 4 and 12-26 have been cancelled. Thus, claims 1, 3, 5-11 and 27-28 are now remaining in the instant application.

### *EXAMINER'S AMENDMENT*

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Nelson A. Quintero, Tel: (310) 401-6180 on March 06, 2006.

The application has been amended as follows:

Claim 27, line 6, "of the circular polarization antenna;" has been changed to - - of the circular polarization antenna and comprising a monopole linear antenna and a conductive element covering the monopole linear antenna; - -;

Claim 28, line 7, "comprising a monopole linear antenna, a conductive element and a Teflon dielectric, wherein the conductive element covers the monopole linear antenna, and the Teflon dielectric is disposed between the conductive element and the monopole linear antenna" has been changed to - - comprising a monopole linear antenna, a conductive element and a dielectric, wherein the conductive element covers the monopole linear antenna, and the dielectric is disposed between the conductive element and the monopole linear antenna - -.

***Allowable Subject Matter***

2. Claims 1, 3, 5-11 and 27-28 are allowed.

***Reasons for Allowance***

3. The following is an examiner's statement of reasons for allowance:

The prior art fails to disclose or suggest the combinations of the limitations as set forth in the claim: a capacitance loading monopole antenna disposed in the central through hole of the base and comprising a monopole linear antenna and a conductive element covering the monopole linear antenna, wherein the conductive element is separated from the ground of the base as claimed in independent claim 1.

Claims 3 and 5-11 are allowable for the reason given above because of their dependency status from independent claim 1.

The prior art fails to disclose or suggest the combinations of the limitations as set forth in the claim: a capacitance loading monopole antenna disposed in the central through hole of the base via the hollow feeding portion of the circular polarization antenna and comprising a monopole linear antenna and a conductive element covering the monopole linear antenna,; an RF module connected to the circular polarization antenna and capacitance loading monopole antenna; and a demodulator connected to the RF module as set in independent claim 27.

The prior art fails to disclose or suggest the combinations of the limitations as set forth in the claim: a capacitance loading monopole antenna disposed in the central through hole of the base via the hollow feeding portion of the circular polarization antenna and comprising a monopole linear antenna, a conductive element and a dielectric, wherein the conductive element

Art Unit: 2821

covers the monopole linear antenna, and the dielectric is disposed between the conductive element and the monopole antenna as set in independent claim 28.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### *Drawings*

4. The drawings were received on July 28, 2003. These drawings are accepted.

#### *Inquiry*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuc D. Tran whose telephone number is (571) 272-1829. The examiner can normally be reached on M-F Flex hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

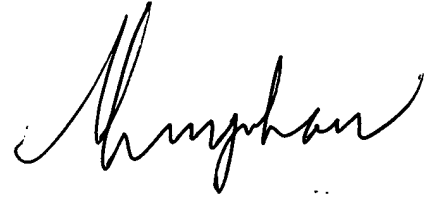
Application/Control Number: 10/628,892

Page 5

Art Unit: 2821

TC

March 06, 2006

A handwritten signature in black ink, appearing to read 'Thuy V. Tran', written in a cursive style.

**THUY V. TRAN**  
**PRIMARY EXAMINER**